

Practitioner's Docket No. RO0940US (#90568)

CHAPTER II

Preliminary Classification:

Proposed Class: A61K
Subclass: 41/00**TRANSMITTAL LETTER
TO THE UNITED STATES ELECTED OFFICE (EO/US)
(ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)**

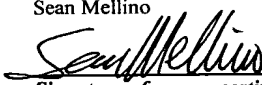
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|-------------------------------|---------------------------|---------------------------|
| PCT/EP03/05614 | 28 May 2003 (28.05.2003) | 01 June 2002 (01.06.2002) |
| International Application No. | International Filing Date | Priority Date Claimed |

**THERMOSENSITIVE POLYMER CARRIERS HAVING A MODIFIABLE PHYSICAL
STRUCTURE FOR BIOCHEMICAL ANALYSIS, DIAGNOSIS AND THERAPY**

Title of Invention

Müller-Schulte, Detlef P.
Applicant(s)**Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTENTION: EO/US****EXPRESS MAILING UNDER 37 C.F.R. § 1.10****(Express Mail label number is mandatory.)**(Express Mail certification is optional)*

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"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

- I. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. § 371:
- a. This express request to immediately begin national examination procedures (35 U.S.C. § 371(f)).
 - b. The U.S. National Fee (35 U.S.C. § 371(c)(1)) and other fees (37 C.F.R. § 1.492) as indicated below:

2. Fees

| CLAIMS FEE* | (1) FOR | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE | (5) CALCULATIONS |
|--------------|---|------------------|------------------|--------------|------------------|
| BASIC FEE | TOTAL CLAIMS | 65 - 20 = | 45 | x \$ 18.00 = | \$810.00 |
| | INDEPENDENT CLAIMS | 8 - 3 = | 5 | x \$ 88.00 = | 440.00 |
| | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$ 300.00 | \$0.00 |
| | U.S. PTO WAS NOT INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY Where no international preliminary examination fee as set forth in § 1.482 has been paid to the U.S. PTO, and payment of an international search fee as set forth in Section 1.445(a)(2) to the U.S. PTO: where a search report on the international application has been prepared by the European Patent Office or the Japanese Patent Office (37 C.F.R. § 1.492(a)(5))\$950.00 | | | | 950.00 |
| SMALL ENTITY | Total of above Calculations | | | | = 2,200.00 |
| | Reduction by 1/2 for filing by small entity, if applicable. Assertion must be made. (note 37 C.F.R. § 1.27) | | | | - 1,100.00 |
| | Subtotal | | | | 1,100.00 |
| | Total National Fee | | | | \$1,100.00 |
| | Fee for recording the enclosed assignment document \$40.00 (37 C.F.R. § 1.21(h)). See Item 13 below). See attached "ASSIGNMENT COVER SHEET". | | | | 0.00 |
| TOTAL | Total Fees enclosed | | | | \$1,100.00 |

*See attached Preliminary Amendment Reducing the Number of Claims.

Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 08-2441.

A duplicate copy of this sheet is enclosed.

Assertion of Small Entity Status

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

3. A copy of the International application as filed (35 U.S.C. § 371(c)(2)) is transmitted herewith.

4. A translation of the International application into the English language (35 U.S.C. § 371(c)(2)) is transmitted herewith.
5. Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. § 371(c)(3)) are transmitted herewith.
6. A translation of the amendments to the claims under PCT Article 19 (38 U.S.C. § 371(c)(3)) is transmitted herewith.
7. A copy of the international examination report (PCT/IPEA/409) is transmitted herewith.
8. Annexes to the international preliminary examination report are transmitted herewith.
9. A translation of the annexes to the international preliminary examination report is transmitted herewith.
10. An oath or declaration of the inventor (35 U.S.C. § 371(c)(4)) complying with 35 U.S.C. § 115 will follow.
- II. Other document(s) or information included:
 11. An International Search Report (PCT/ISA/210) or is transmitted herewith.
 12. An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98 will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. § 371(c).
 13. Additional documents:
 - a. International Publication No. WO03101486
 - i. Front page only
 - b. Preliminary amendment (37 C.F.R. § 1.121)
 - c. PCT/IB/306 – Change of Inventor's address
 - d. PCT/IPEA/408 of 09/02/2004
 - e. Response of 04/03/2004
 - f. PCT/IPEA/408 of 13/05/2004
 - g. Response of 30/08/2004
 14. The above items are being transmitted before 30 months from any claimed priority date.

AUTHORIZATION TO CHARGE ADDITIONAL FEES

Please charge, in the manner authorized above, the following additional fees that may be required by this paper and during the entire pendency of this application:

37 C.F.R. § 1.492(a)(1), (2), (3), and (4) (filing fees)

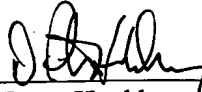
37 C.F.R. § 1.492(b), (c), and (d) (presentation of extra claims)

10/516629

DT15 Rec'd PCT/PTO 01 DEC 2004

Date:

December 1, 2004



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